ABSTRACT OF THE DISCLOSURE

The present invention provides a storage device that enables identification data to be readily rewritten and ensures normal completion of a data writing operation in a short time period. In the storage device of the invention, an ID comparator determines whether or not identification data transmitted from a host computer coincides with identification data stored in a memory array. In the case of coincidence, the ID comparator sends an access enable signal EN to an operation code decoder. The operation code decoder analyzes a write/read command, switches over a direction of data transfer with regard to the memory array based on a result of the analysis, and requires an I/O controller to change a high impedance setting of a signal line connecting with a data terminal DT. This series of processing allows access to an address in the memory array specified by a count on an address counter.